

NiceZyme View of ENZYME: EC 4.2.2.7

Official Name

Heparin lyase.

Alternative Name(s)

Heparin eliminase.

Heparinase.

Reaction catalysed

Eliminative cleavage of polysaccharides containing 1,4-linked D-glucuronate or L-iduronate residues and 1,4-alpha-linked 2-sulfoamino-2-deoxy-6-sulfo-D-glucose residues to give oligosaccharides with terminal 4-deoxy-alpha-D-gluc-4-enuronosyl groups at their non-reducing ends

Cross-references

BRENDA	4.2.2.7
PUMA2	4.2.2.7
PRIAM enzyme-specific profiles	4.2.2.7
KEGG Ligand Database for Enzyme Nomenclature	4.2.2.7
IUBMB Enzyme Nomenclature	4.2.2.7
IntEnz	4.2.2.7
MEDLINE	Find literature relating to 4.2.2.7
MetaCyc	4.2.2.7
UniProtKB/Swiss-Prot	P83054, HEP1_BACSE; Q05819, HEP1_PEDHE;

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All UniProtKB/Swiss-Prot entries referenced in this entry, with possibility to download in different formats, align etc.

All ENZYME / UniProtKB/Swiss-Prot entries corresponding to 4.2.2.-

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